

ABSTRACT

A system for presenting separate audio and/or video signals to multiple occupants or groupings of occupants in an automobile is provided. The system includes an input mixer which is utilized to receive signals from a plurality of sources. The signals may include audio, video, graphical, textual, GPS and other signals. The sources may include cassette tape decks, compact disc drives, digital versatile disc players, radio frequency broadcasts, satellite signals and wireless communications signals. The system also includes a multi-channel receiver and amplifier which simultaneously receives and amplifies a plurality of signals. An output mixer also provides specificity as to the output ports upon which a given received and amplified channel is provided to an output device. Output devices include speakers, headphones, and video displays. In an alternative embodiment, a transmitter is provided for transmitting output signals over radio frequencies to wireless headphones and similar devices.